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Jun 16, 1988

PUB-NO: JP363144076A  
DOCUMENT-IDENTIFIER: JP 63144076 A  
TITLE: RECORDING PAPER AND PRODUCTION THEREOF

PUBN-DATE: June 16, 1988

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APPL-NO: JP61289019

APPL-DATE: December 5, 1986

US-CL-CURRENT: 428/537.5

INT-CL (IPC): B41M 5/00; D21H 5/00

## ABSTRACT:

PURPOSE: To obtain a recording paper suitable for ink jet recording, by causing a specified filler and a fibrous material of a base paper to coexist on the surface of a recording paper obtained by coating the fibrous base paper with a filler-containing aqueous coating liquid.

CONSTITUTION: A base paper may be any sheet of paper which contains a fibrous material and, optionally, a filler and which is made to have a Stockigt sizing degree according to JIS P8122 of 0~15sec, as measured on the basis of a basis weight of 65g/m<sup>2</sup>, by using an appropriate size. An aqueous coating liquid comprises a filler and an aqueous binder. As the filler, a hydrophilic one having a relatively high oil absorption according to JIS K5101 is preferred, from the viewpoints of ink absorptivity and color forming properties of a coloring material. The filler may be silica or the like, particularly silica or the like having an oil absorption according to JIS K5101 of 80~300ml/100g. As the aqueous binder, a mixture of a water-soluble high molecular weight substance such as polyvinyl alcohol with a water dispersion type high molecular weight substance such as an SBR latex is used. The coating weight is 2~10g/m<sup>2</sup> on a dried basis.

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